Release Note for Accusys ACS-7630

file name: ACS7630BOJ.bin
date: 02/19/2002
version: BOJ
FPGA - 110
Firmware - BOj
BootCode - T05

release note:
1. first release for ACS7630
2. checksum: 3F08

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Version: BOR

FPGA - 120
7610R5 - BOR
7610R0 - BOR
7630 - BOR
date: 06/13/2002

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File: 7610rBOL,7630BOL,76BOL,FP113
Model: ACS7610/ACS7630
version: BOL
Date: 03/20/2002
Dear All:
76 new fireware release ..
Recommand to use IBM 76.8 G HD
FPGA - 113
Firmware - BOL

1. BOL support 48bit LBA, (FPGA need 113 version)
2. BOL improve performance
3. 7610 BootCode use T05, 7630 BootCode use T06
4. 7610 R5 R0 need to Download differently(76BOL, 7610r0BOL) ,
   R5 R0 depebd on jumper

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File: 7630BOM;7610R0BM;76BOM
Model: ACS7630 for accusys
version: BOM
Date:3/27/2002

Release note:
1. fixed 48bit LBA Disk issue

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Version: BOS
FPGA - 120
7630 - BOS

Release Note:
1. fixed unable to enter Serial_Number

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File name: 7630BOT.txt
Date: 07/02/2002
Model: ACS-7630
FPGA - 121
7630 - BOT

Release Note:
1. fixed installation problem with NoVell 6 and Linux 7.3

File: 7630B0B
Version: B0V
Model: acs7630
Date: 7/12/2002

Release note:
1. fixed the probme with a disk (master/slave) on the same cable with ACS 7630

FILE: 7630B0W.bin,7630B0W.txt
MODEL: ACS-7630
VERSION: B0W
FPGA - 122
7630 - B0W
DATE: 7/16/2002

RELEASE NOTE:
1. the screen flashed OK!
2. install Red Hat 7.3 OK!
3. install NoBell 6 OK!

File: 7630B0Y.bin, 7630B0Y.txt
Modle: acs-7630
Version: B0Y
date: 8/13/02

Release Note:
1. fixed the problem with one cable connect
   two ACS 7630s in master/slave node.

File name: 7630B0Z.txt
Version: B0Z
Model: acs-7630
Date: 8/28/2002

Release Note:
1. solved the (7630 + 2720) problem.
   (host fined two device from 1394)
2. 7630 and 2720 need to connect to the same power supply.

Firmware Name: 7630B10.txt
Version: B10
FPGA Name: FP124.txt Version: 124
Date: 2002/09/05

Release Note:
1. solved the problem of detecting 80 pin cable .
   Some hosts haven't implemented circuitry to determine the installed cable type
   by detecting wheher PDIAG-/CBLID- is connected to ground as mandated by
   the standard. So we have to write the hardware reset result data to the
   word93(IDENTIFY DEVICE) to provid an alternate method to determine the
   the cable type. (ATA/ATAPI-6)

Firmware Name: 7630B11.txt Version: B11
Date: 2002/10/02

Release Note:
1. ACS-7630 fdisk fail.

      When CS-7630 set stand_alone, it have to
      handle the status instead of another one on the
      cable.

Firmware(B12) of ACS-7630.
Firmware Name: 7630B12.txt Version: B12
FPGA Name: FP126.txt Version: 126
Date: 2003/01/17

Release Note:
1. Fix problem of installing winMe on ASUS-CUSL2(MotherBoard).
2. The performance for random write access has improved.
3. IDE to SCSI connector(Acard) + ACS-7630 OK.
4. WinXP on GA-8IRXP(MotherBoard) can't detect slave device, fixed.

Firmware(B13) of ACS-7630.
Firmware Name: 7630B13.txt Version: B13/
Date: 2003/02/07

Release Note:
1. the alarm stops when key_off the bad disk .
2. when power_off, key_off the adding target disk will cause
   Raid Fail. It fixed.

Firmware (B14) of ACS-7630
Version: B14
Firmware Name:
FPGA - FP127.txt
Bootcode - 7630bt08.txt
Date: 2003/04/21
Release Note:
1. (Boot code) Support BRIGHT, AMIC, SST Flash ROM .
2. (FPGA code) fix complibity problem of Maxtor 120G,200G and Segate HDD.
3. (firmware code) Same as previous version (B13).

New firmware (F15) of ACS-7630.
It is only support for FPGA Version
Firmware Name:
Boot code: 7630_BOOT_FB09.TXT
Firmware(download Version): _ACS7630F15.txt
Version: F15
Date: 2004/08/04

Release Note:
1. Kick out disk when remap fail
2. Add an option function to disable/enable initialize disk array
   Operating procedure to disable/enable:
   a) Use Hyper-terminal
   b) Press "Esc" button
   c) If you want to disable initialize disk array you should key-in "Dis_Init".
      and the terminal will show
      >>> Dis_Init
      Disable initialize disk array !
   d) If you want to enable initialize disk array you should key-in "En__Init".
      (2 under line)
      >>> En__Init
      Enable initialize disk array !

Note: Default setting is Enable.

 Attached file is the new firmware (F16) of ACS-7630FPGA.

It is only support for FPGA Version

Firmware Name :
(download Version)
      file name   :_ACS7630F16.txt
      Version   : F16
      Date   : 2004/12/20

Release Note:
1. Fix remap problem.
2. Add support ACARD SCSI bridgeboard.